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on May 22, 2017

PATENT
Attorney Docket No.: 020093-002810US

TOWNSEND and TOWNSEND and CREW LLP

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Marnix L. Bosch et al.

Application No.: 10/517,871

Filed: December 13, 2004

For: TANGENTIAL FLOW
FILTRATION DEVICES AND
METHODS FOR LEUKOCYTE
ENRICHMENT

Confirmation No.: 1335

Examiner: Unassigned

Art Unit: 1723

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references, in compliance with the requirements of 37 CFR §1.98(a)(2), are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application, as well as a copy of the Supplementary European Search report issued in the corresponding European application.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Date: 22 May 2007

By:

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61049841 v1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **2****Complete if Known**

Application Number	10/517,871
Filing Date	December 13, 2004
First Named Inventor	Bosch, Marnix L.
Art Unit	1723
Examiner Name	Unassigned
Attorney Docket Number	020093-002810US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,191,182	03-04-1980	Popovich et al.	
	AB	US-4,411,792	10-25-1983	Babb	
	AC	US-4,420,398	12-13-1983	Castino	
	AD	US-4,644,056	02-17-1987	Kothe et al.	
	AE	US-4,753,733	06-28-1988	Ramstach et al.	
	AF	US-5,423,738	06-13-1995	Robinson et al.	
	AG	US-5,601,727	02-11-1997	Bormann et al.	
	AH	US-5,690,815	11-25-1997	Krasnoff et al.	
	AI	US-5,695,653	12-09-1997	Gsell et al.	
	AJ	US-5,744,047	04-28-1998	Gsell et al.	
	AK	US-5,768,963	08-04-1998	Murphy et al.	
	AL	US-5,948,441	09-07-1999	Lenik et al.	
	AM	US-6,045,546	04-04-2000	Drago et al.	
	AN	US-6,168,718	01-02-2001	Sutter et al.	
	AO	US-6,194,204	02-27-2001	Crawford et al.	
	AP	US-6,322,709	11-27-2001	Krasnoff et al.	
	AQ	US-6,398-958	06-04-2002	Coville et al.	
	AR	US-6,495,037	12-17-2002	Schuyler et al.	
	AS	US-6,497,821	12-24-2002	Bellamy, Jr.	
	AT	US-6,544,751	04-08-2003	Brandwein and Coker	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	AU	EP	0 208 450	A2	01-14-1987	APV International Ltd.	<input type="checkbox"/>
	AV	EP	0 834 329	A1	04-08-1996	Kaneka Corporation	<input type="checkbox"/>
	AW	JP	2000217908		08-08-2000	Asahi Medical Co. Ltd.	<input type="checkbox"/>
	AX	PCT	WO 85/03011		07-18-1985	AMF Incorporated	<input type="checkbox"/>
	AY	PCT	WO 97/03186		01-30-1997	Activated Cell Therapy, Inc.	<input type="checkbox"/>
	AZ	PCT	WO 98/13131		04-02-1998	Baxter International Inc.	<input type="checkbox"/>
	AAA	PCT	WO 01/09288	A1	02-08-2001	Centre Hospitalier Universitaire	<input type="checkbox"/>

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard S T 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/517,871		
		Filing Date	December 13, 2004		
		First Named Inventor	Bosch, Marnix L.		
		Art Unit	1723		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	020093-002810US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	Bacigalupo <i>et al.</i> , "Bone Marrow or Peripheral Blood as a Source of Stem Cells for Allogeneic Transplantation," <i>Haematologica</i> 87:4-8 (2002).	<input type="checkbox"/>
	BB	DeBoer <i>et al.</i> , "Changes in L-selectin Expression on CD34-positive Cells Upon Cryopreservation of Peripheral Blood Stem Cell Transplants," <i>Bone Marrow Transplant.</i> 22:1103-1110 (1998).	<input type="checkbox"/>
	BC	Genovesi, "Several Uses for Tangential-flow Filtration in the Pharmaceutical Industry," <i>J. Parenter. Sci. Technol.</i> 37:81-86 (1983).	<input type="checkbox"/>
	BD	Quirk and Woodrow, "Investigation of the Parameters Affecting the Separation of Bacterial Enzymes From Cell Debris by Tangential Flow Filtration," <i>Enzyme Microb. Technol.</i> 6:201-206 (1984).	<input type="checkbox"/>
	BE	Radlett, "The Concentration of Mammalian Cells in a Tangential Flow Filtration Unit," <i>J. Appl. Chem. Biotechnol.</i> 22:495-499 (1972).	<input type="checkbox"/>
	BF	Rowley <i>et al.</i> , "Isolation of CD34 ⁺ Cells From Blood Stem Cell Components Using the Baxter Isolux System," <i>Bone Marrow Transplant.</i> 21:1253-1262 (1998).	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
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